

**REMARKS**

Claims 11-20 are pending. In this Request for Continued Examination, claims 11-15 and 17-20 have been amended. Claim 16 has been cancelled. Claims 29-34 have been added. No new matter has been added. Upon entry of these amendments, claims 11-15, 17-20, and 29-34 will be pending.

The undersigned representative wishes to thank the Examiner for conducting an Examiner Interview on March 31, 2008. As recited in the Interview Summary, the undersigned representative and the Examiner agreed that claim amendments, as amended herein, would overcome the § 112 and § 103 rejections. Also, as discussed, claims 29-34 have been added that also overcome the § 112 and § 103 rejections.

With regard to the rejection under 35 U.S.C. § 112, second paragraph, although the undersigned representative maintains that “likelihood” is a term of art, claim 11 has been amended to instead recite “to deduce the plausibility,” and claim 14 has been amended to instead recite “mathematically calculating, based on the likelihood function, the plausibility that changes between the information content of the one or more historical values and the information content of the set of input financial data are the result of one or more errors.” These amendments are consistent with those discussed in the Interview and are believed to overcome the outstanding rejection under § 112, second paragraph. Therefore, the undersigned representative respectfully requests that the Examiner withdraw the rejection under § 112.

With regard to the rejection under 35 U.S.C. § 103(a), as previously discussed, Reboh and Huh do not teach or suggest, generally, determining whether a change is the result of an error. The Examiner recognizes that Reboh does not perform this calculation, and, in Huh, all of the changes are errors, so no calculation is made. Additionally, Reboh and Huh fail to teach or suggest “calculating the Shannon entropy of the input financial data,” as recited in claim 17. Although the undersigned representative maintains that the previous set of claims are patentable over Reboh and Huh, the claims have been amended herein to expedite the prosecution. These amendments are consistent with those discussed in the Interview and are believed to overcome the outstanding rejection under § 103(a). Therefore, the undersigned representative respectfully requests that the Examiner withdraw the rejection under § 103(a).

**CONCLUSION**

The undersigned representative respectfully submits that this application is in condition for allowance, and such disposition is earnestly solicited. If the Examiner believes that the prosecution might be advanced by discussing the application with the undersigned representative, in person or over the telephone, we welcome the opportunity to do so. In addition, if any additional fees are required in connection with the filing of this response, the Commissioner is hereby authorized to charge the same to Deposit Account 50-4402.

Respectfully submitted,

Date: May 5, 2008  
KING & SPALDING LLP  
1700 Pennsylvania Ave., NW  
Washington, DC 20006  
(202) 626-8980

By: /Eric L. Sophir, Reg. No. 48,499/  
Eric L. Sophir  
Registration No. 48,499